

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("1982770"   "3565398").PN.	US-PGPUB; USPAT	ADJ	ON	2008/03/11 09:16
S2	1	"10561978"	US-PGPUB; USPAT	ADJ	ON	2008/03/11 09:21
S3	242	417/510.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/11 09:21
S4	163	417/525.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/17 15:50
S5	97	417/514.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/17 15:53
S6	41	417/508.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/17 16:10
S13	4	(pump SAME piston) AND (double valve SAME (bore or hole or inlet or outlet)) AND "417".clas.	US-PGPUB; USPAT	ADJ	ON	2008/03/18 11:49
S14	638	(pump SAME piston) AND (valve SAME (bore or hole or inlet or outlet)) AND "417".clas. AND linkage	US-PGPUB; USPAT	ADJ	ON	2008/03/18 11:49
S18	65	417/427.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/18 12:24
S19	168	417/506.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/18 12:27
S21	774	pump SAME compensator AND valve	USPAT	OR	OFF	2008/03/18 12:39
S22	301	pump SAME compensator AND valve AND rod	USPAT	OR	OFF	2008/03/18 12:39
S24	56	pump SAME compensator AND valve AND rod AND "417".clas.	USPAT	OR	OFF	2008/03/18 12:42

S25	68	417/512.ccls.	USPAT	OR	OFF	2008/03/18 14:04
S26	194	417/517.ccls.	USPAT	OR	OFF	2008/03/18 14:11
S27	93	417/518.ccls.	USPAT	OR	OFF	2008/03/18 14:39
S28	161	417/531.ccls.	USPAT	OR	OFF	2008/03/18 14:49
S29	5	("4337223"   "4990066"   "5220925"   "5556073"   "6592339").PN. OR ("7331773"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 14:51
S30	225	417/537.ccls.	USPAT	OR	OFF	2008/03/18 15:36
S31	2	("2752862"). URPN.	USPAT	OR	OFF	2008/03/18 15:42
S32	317	417/536.ccls.	USPAT	OR	OFF	2008/03/18 16:25
S33	114	417/535.ccls.	USPAT	OR	OFF	2008/03/18 17:03
S34	1	"3898811".pn.	USPAT	OR	OFF	2008/03/18 17:09
S35	539	251/279.ccls.	USPAT	OR	OFF	2008/03/18 17:16
S36	9	piston AND pump AND 251/279.ccls.	USPAT	OR	OFF	2008/03/18 17:17
S37	6	piston AND pump AND 251/230.ccls.	USPAT	OR	OFF	2008/03/18 17:21
S38	268	251/230.ccls.	USPAT	OR	OFF	2008/03/18 17:21
S39	21	pump AND 251/279.ccls.	USPAT	OR	OFF	2008/03/18 17:23
S40	1513	piston SAME pump SAME valve SAME link\$4	USPAT	OR	OFF	2008/03/18 17:28
S41	242	piston SAME pump SAME valve SAME link\$4 AND "417".clas.	USPAT	OR	OFF	2008/03/18 17:29

S42	47	("3365061"   "3558242"   "3825122").PN. OR ("4187173").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/18 17:39
S43	10	("2908478").URPN.	USPAT	OR	OFF	2008/03/18 17:51
S44	3	("517589").URPN.	USPAT	OR	OFF	2008/03/19 10:14
S46	553	251/279.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:29
S47	539	251/279.ccls.	USPAT	OR	OFF	2008/03/19 10:30
S48	14	S46 NOT S47	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:30
S49	272	251/230.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:31
S50	69	417/512.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:41
S51	198	417/517.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:42
S52	194	417/517.ccls.	USPAT	OR	OFF	2008/03/19 10:42
S53	4	S51 NOT S52	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:42
S56	95	417/518.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:43
S57	163	417/531.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:44
S58	225	417/537.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:44
S59	319	417/536.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:44
S60	317	417/536.ccls.	USPAT	OR	OFF	2008/03/19 10:45
S61	2	S59 NOT S60	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:45
S62	114	417/535.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 10:45

S68	2500	(pump SAME piston) AND cylinder AND (cas \$3 OR hous\$3) AND (valve WITH (rod OR arm OR shaft)) SAME (link \$3 OR lever)	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 11:12
S72	1831	(pump SAME piston) SAME (valve WITH (rod OR arm OR shaft)) AND lever	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 13:04
S75	99	251/213.ccls.	US-PGPUB; USPAT	ADJ	OFF	2008/03/19 14:14
S76	212	417/375.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/25 10:21
S77	248	417/399.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/25 11:09
S78	18	("0516410"   "3331330"   "3626968"   "4332368"   "4367140"   "4913809"   "5462414"   "Re32144"   "Re33135").PN. OR ("6203696").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/25 11:14
S79	16	("3971213"   "4286925"   "4406122"   "4483662"   "4530645"   "4990058").PN. OR ("5281100").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/25 11:21
S80	206	417/515.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/25 11:57
S81	89	417/516.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/03/25 11:57
S82	2	("2752862").URPN.	USPAT	ADJ	ON	2008/03/25 17:29
S83	3	("517589").URPN.	USPAT	ADJ	ON	2008/03/25 17:29

S84	3550	"417".clas. and pump SAME (valve SAME (thread OR nut OR bolt OR adjust \$4))	US-PGPUB; USPAT	ADJ	ON	2008/03/27 11:39
S85	1527	"417".clas. and pump SAME (valve NEAR5 (thread OR nut OR bolt OR adjust \$4))	US-PGPUB; USPAT	ADJ	ON	2008/03/27 11:40
S87	7	"417".clas. and pump SAME (valve rod NEAR5 (thread OR nut OR bolt OR adjust \$4))	US-PGPUB; USPAT	ADJ	ON	2008/03/27 11:41
S88	33	pump SAME lever ratio	US-PGPUB; USPAT	ADJ	ON	2008/03/27 16:36

3/27/2008 7:26:26 PM

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\ 10561978 Piston Pump.wsp